IN THE CLAIMS

Please amend the claims as follows:

Claims 1-13 (Canceled).

Claim 14 (Currently Amended): A processing apparatus using a recordable information medium having a data area and a management area providing a data structure for recording broadcasted MPEG transport stream information, the data structure stored on said information medium including,

a stream object, formed of the broadcasted MPEG transport stream information, including at least one first data unit, at least one second data unit having the at least one first data unit, and at least one third data unit having the at least one second data unit, the at least one third data unit storing header information relating to the at least one first data unit in the at least one third data unit,

the management area being configured to record first management information ~~corresponding to service information~~ including second management information specifying [[a]] broadcast [[source]] sources,

wherein said first management information is configured to be variable with respect to packet length for each recording, and said second management information is configured to include codes, each code specifying a respective one of the broadcast sources,

said apparatus comprising:

a formatter configured to format an input signal into a bitstream of data packets for the MPEG transport stream, said data packets corresponding to the at least one first data unit; and

a recorder section configured to record the MPEG transport stream in the data area of said information medium.

Claim 15 (Previously Presented): An apparatus according to claim 14, wherein said formatter generates management information, and said recorder section records the generated management information in the management area of said information medium.

Claim 16 (Previously Presented): An apparatus according to claim 14, wherein the management area of said information medium is configured to store packet length information, said packet length information indicating a size of data packets of the broadcasted MPEG transport stream.

Claim 17 (Currently Amended): A processing apparatus using a recordable information medium having a data area and a management area providing a data structure for recording broadcasted MPEG transport stream information, the data structure stored on said information medium including,

a stream object, formed of the broadcasted MPEG transport stream information, including at least one first data unit, at least one second data unit having the at least one first data unit, and at least one third data unit having the at least one second data unit, the at least one third data unit storing header information relating to the at least one first data unit in the at least one third data unit,

the management area being configured to record first management information corresponding to service information including second management information specifying [[a]] broadcast source sources,

wherein said first management information is configured to be variable with respect to packet length for each recording, and said second management information is configured to include codes, each code specifying a respective one of the broadcast sources,

said apparatus comprising:

a reproducer section configured to reproduce the broadcasted MPEG transport stream information from the data area of said information medium; and

a transfer section configured to transfer data packets in the reproduced broadcasted MPEG transport stream information from the reproducer section to a decoder in which a content of data packets of the broadcasted MPEG transport stream are decoded.

Claim 18 (Previously Presented): An apparatus according to claim 17, wherein the management area of said information medium is configured to store packet length information, said packet length information indicating a size of the data packets.

Claim 19 (Currently Amended): An information medium configured to store a data structure for recording broadcasted MPEG transport stream information including service information, said MPEG transport stream information being configured to be recorded on the medium and to be reproduced from the medium using at least one of a recording apparatus and a reproducing apparatus, said data structure comprising:

data area for recording the broadcasted MPEG transport stream information;

a management area for recording control information for managing the broadcasted MPEG transport stream information recorded in the data area, wherein

object data to be recorded in the data area includes at least one data unit which includes a plurality of pairs of time stamp information and transport packets, and

said management area is configured to record first management information corresponding to service information including second management information specifying [[a]] broadcast source sources,

4

wherein said first management information is configured to be variable with respect to packet length for each recording, and said second management information is configured to include codes, each code specifying a respective one of the broadcast sources,

wherein at least one of the recording or reproducing apparatus' records data or reproduces data from the medium in accordance with the configuration of the medium.

Claim 20 (Currently Amended): A recording method using a recordable information medium having a data area and a management area providing a data structure for recording broadcasted MPEG transport stream information, the data structure stored on said information medium including,

a stream object, formed of the broadcasted MPEG transport stream information, including at least one first data unit, at least one second data unit having the at least one first data unit, and at least one third data unit having the at least one second data unit, the at least one third data unit storing header information relating to the at least one first data unit in the at least one third data unit,

the management area being configured to record first management information ~~corresponding to service information~~ including second management information specifying [[a]] broadcast ~~source~~ sources,

wherein said first management information is configured to be variable with respect to packet length for each recording, and said second management information is configured to include codes, each code specifying a respective one of the broadcast sources,

said method comprising:

formatting the broadcasted MPEG transport stream into a bitstream of data packets for the broadcasted MPEG transport stream, said data packets corresponding to the at least one data unit; and

recording the formatted bitstream in the data area of said information medium.

Claim 21 (Previously Presented): The method according to claim 20, wherein the

management area of said information medium is configured to store packet length

information, said packet length information indicating a size of data packets of the broadcast

MPEG transport stream.

Claim 22 (Currently Amended): A reproducing method using a recordable

information medium having a data area and a management area providing a data structure for

recording broadcasted MPEG transport stream information, the data structure stored on said

information medium including,

a stream object, formed of the broadcasted MPEG transport stream information,

including at least one first data unit, at least one second data unit having the at least one first

data unit, and at least one third data unit having the at least one second data unit, the at least

one third data unit storing header information relating to the at least one first data unit in the

at least one third data unit,

the management area being configured to record first management information

corresponding to service information including second management information specifying

[[a]] broadcast source sources,

wherein said first management information is configured to be variable with respect to

packet length for each recording, and said second management information is configured to

include codes, each code specifying a respective one of the broadcast sources,

said method comprising:

reproducing the broadcasted MPEG transport stream information from the data area

of said information medium; and

transferring data packets in the reproduced broadcasted MPEG transport stream

information to a decoder in which a content of the data packets is decoded.

Claim 23 (Previously Presented): The method according to claim 22, wherein the

management area of said information medium is configured to store packet length

information, said packet length information indicating a size of data packets of the broadcast

MPEG transport stream.